

Recombinant Cynomolgus monkey CD80 Protein, Fc-tagged

Cat. No. CD80-587C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey CD80 protein with Fc tag was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	288
Description	The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.
Form	Lyophilized
Molecular Mass	50.5 kDa
AA Sequence	MGHTWRQGISPSKCPYLKFFQLLVLAQLSHFCSGVIHVTKEVKEVATLSCGHNVSV ELAQTRIYWQKEKMMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT YECVVLKYEKDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLS WLENGEELNAISTTVSQDPETELYTVSSKLDNFMTTNSFMCLIKYGHRLRVNQTFNW NTPKQEHFPDNLPSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPI
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CD80 CD80 molecule [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	CD80
Synonyms	CD80; CD80 molecule; T-lymphocyte activation antigen CD80; B7.1;
Gene ID	732518
mRNA Refseq	NM_001042642
Protein Refseq	NP_001036107

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UniProt ID

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